

Department of Water and Sanitation

SAFPUB V02 Output 15/11/2020

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
C5R001	Tierpoort River @ Tygerpoort				29: 25: 18	26: 08: 09	C51D	922	Tierpoort Dam	1
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	10.06	1382.88	937.70	38.37	38.51		1923-07-01	Original		
	9.95	1382.77	920.88	37.36	37.49		1925-03-01	Temporary fsl		
	10.06	1382.88	937.70	38.37	38.51		1925-08-01	Temporary fsl		
	10.21	1383.03	959.24	39.80	39.93		1938-10-01	Raised		
	9.99	1382.81	926.98	37.73	37.86		1953-10-01	Adjusted		
	9.99	1382.81	912.55	34.66	34.66		1978-10-01	Basin survey		
	8.38	1382.74	902.25	34.00	34.03		1990-03-01	Adjusted		
Data							Data Period			
	100.00	Level	(Metres)				1923-07-01	2020-09-29	3% missing	
	815.71	Temp	(Deg C)				2019-02-01	2020-09-29		
	815.72	Temp	(Deg C)				2019-05-21	2020-09-29		
Components							Component Period			
	0261146	Tierpoort-Pol					1923-07-01	1933-10-01		
	C5H042	Left Canal from Tierpoort Dam @ Tygerpoort					1933-01-19			
	C5H043	Right Canal from Tierpoort Dam @ Tygerpoort					1933-01-19			
	C5E001	Tygerpoort @ Tierpoort Dam					1933-10-01	2007-12-01		
	0261146	Tierpoort-Pol					2007-12-01			
	C5E009	Uitvlugt-West @ Krugersdri ft Dam					2007-12-01	2098-12-01		
C5R002	Riet River @ Kalkfontein				29: 29: 44	25: 13: 18	C51J	10265	Kalkfontein Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.96	1229.02	4534.10	348.58	355.52		1938-01-01	Original		
	18.96	1229.02	4533.30	320.15	320.22		1979-10-01	Basin survey		
	18.96	1229.02	4532.30	318.91	318.94		1988-10-01	Basin survey		
	18.96	1229.02	4549.82	325.13	325.13		2000-10-01	Basin survey		
Data							Data Period			
	100.00	Level	(Metres)				1938-01-01	2020-09-10		
	815.72	Temp	(Deg C)				2012-03-20	2020-11-11		
	815.73	Temp	(Deg C)				2011-05-01	2020-05-21	7% missing	
Components							Component Period			
	0229571	Ventersvlei					1938-02-19	1942-02-01		
	C5E002	Kalkfontein @ Kalkfontein Dam					1938-02-19			
	C5H040	Left Main Canal from Kalkfontein Dam @ Kalkfontein					1938-02-19			
	C5H049	Riet River @ Philippia					1990-05-09			
	C5H036	Discharge Canal from Principal Canal @ Kalkfontein					1990-11-01			
	C5H044	Bergfontein Canal from Main Canal @ Kalkfontein					1990-11-01	1993-04-01		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
C5R003	Modder River @ Rustfontein				29: 16: 15	26: 36: 56	C52A	937	Rustfontein Dam	2
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	16.76	1373.03	1159.03	75.94	77.68		1954-12-05		Original	
	16.76	1373.03	1161.60	73.88	74.99		1971-10-01		Basin survey	
	16.76	1373.03	1158.10	72.54	72.82		1981-10-01		Basin survey	
	16.76	1373.03	1157.98	72.28	72.42		1988-04-01		Basin survey	
	16.76	1373.03	1158.52	71.21	71.22		2002-10-01		Basin survey	
	16.76	1373.03	1164.60	72.11	72.11		2015-10-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1954-12-05	2020-09-22		
	149.00	Combined (cumecs)					1960-04-16	1983-11-30	1% missing	
	194.00	Supply Flow (l/s)					1999-01-01	2015-06-30		
	230.09	Level (m)	4 Water Cello				2016-08-03	2016-09-06		
	815.70	Temp (Deg C)	Raw logger data				2011-07-14	2020-09-22	16% missing	
	815.71	Temp (Deg C)					2017-01-24	2020-09-22		
	815.73	Temp (Deg C)					2012-01-01	2013-04-03		
Components							Component Period			
	C5E004	Rustfontein @ Rustfontein Dam					1954-12-06			
	C5H037	Left Canal from Rustfontein Dam @ Rustfontein					1955-10-20			
	C5H038	Pipeline from Rustfontein Dam @ Rustfontein					1984-10-30	1988-07-29		
C5R004	Modder River @ Bulfontein				28: 53: 02	25: 57: 23	C52G	7460	Krugersdri ft Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	18.28	1248.13	1890.02	85.74	86.04		1970-11-09		Original	
	18.28	1248.13	1885.79	77.11	77.11		1981-10-01		Basin survey	
	18.28	1248.13	1853.22	73.56	73.56		1988-04-01		Basin survey	
	18.28	1248.13	1863.47	71.48	71.48		2009-12-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1970-11-09	2020-09-15		
	194.00	Supply Flow (l/s)					1999-07-01	2020-02-28		
	194.01	Supply Flow (l/s)					1999-07-01	2020-02-29		
	815.70	Temp (Deg C)	Raw logger data				2008-05-01	2018-08-02	33% missing	
	815.71	Temp (Deg C)					2012-05-03	2020-09-15	23% missing	
Components							Component Period			
	C5E009	Uitvlugt-West @ Krugersdri ft Dam					1970-11-10			
	C5H039	Modder River @ Bulfontein					1970-11-25			
C5R005	Kgabanyane River @ Groothoek Thaba Nchu				29: 18: 09	26: 50: 51	C52B	116	Groothoek Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	10.27	1494.96	257.90	11.91	13.28		1981-01-01		Basin survey	
	10.27	1494.96	257.90	11.90	13.22		1992-10-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1981-06-05	2020-09-21		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	3
C5R005	(continued)	230.01	Level (m)	East Coast							
Components											
	C5E004	Rustfontein @ Rustfontein Dam									
	C5H050	Pipeline to Treatment Works @ Groothoek Dam									
C5R006	Modder River @ Mazel spoort				29:01:40	26:24:22	C52E	3059	Masel spoort Dam		
C5R007	Modder River @ Mockes Dam Nat. Res.				29:03:04	26:27:39	C52D	2968	Mockes Dam		
C9R003	Vaal River @ St Claire				29:02:39	23:50:07	C92B	193840	Douglas Weir		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	2.94	990.69	801.86	17.43	18.84						
	2.83	990.54	781.14	16.24	17.65						
Data											
	100.00	Level (Metres)									
	230.09	Level (m)	4 Water Cello								
Components											
	C9E005	Artherton @ St. Claire									
	C9H017	Bucklands Canal (Left) @ St. Claire									
	C9H019	Atherton Canal (Right) @ Atherton									
	C9H025	Orange-Vaal Canal @ St. Clair									
	C9R003	Vaal River @ St. Claire									
D1R001	Sterkspruit River @ Jozana Hoek				30:38:11	27:22:11	D12B	77	Sterkspruit Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	14.88	1491.81	94.70	9.47	12.93						
Data											
	100.00	Level (Metres)									
	815.73	Temp (Deg C)									
Components											
	D1E009	Sterk Spruit @ Sterkspruit Dam									
D2R001	Witspruit River @ Egmont				30:03:09	27:01:39	D24A	310	Egmont Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	10.68	1476.23	244.40	12.35	13.07						
	10.68	1476.23	235.40	11.52	12.07						
	10.68	1476.23	245.98	9.66	9.66						
	10.68	1476.23	245.98	9.25	9.25						



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Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description			
D2R001 (continued)	10. 68	1476. 23	247. 43	9. 06	9. 06	2011-06-01	Basin survey	
Data	100. 00	Level (Metres)				Data Period		
	815. 73	Temp (Deg C)				1938-02-20	2020-10-29	
						2013-05-21	2020-10-29	
Components						Component Period		
	0232898	Quilimane				1938-02-20	1977-11-16	
	D1E001	Aliwal-North @ School				1938-03-01	1957-07-01	
	D2H024	Left Canal from Egmont Dam @ Egmont				1938-07-06		
	D2E002	Wepener				1957-07-01	1977-12-01	
	D2E009	Egmont @ Egmont Dam				1977-12-01		
D2R002	Leeu River @ Beth-Aven			29: 21: 52	27: 07: 44	D23C	861	Armenia Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)			
	9. 15	1514. 85	394. 29	14. 50	14. 79	1954-12-01		Original
	9. 15	1514. 85	394. 27	14. 10	14. 24	1986-10-01		Basin survey
	9. 15	1514. 85	393. 87	13. 09	14. 02	1995-10-01		Raised
	9. 15	1514. 85	393. 55	13. 00	13. 85	2002-10-01		Basin survey
	9. 15	1514. 85	397. 04	13. 22	14. 00	2018-10-01		Basin survey
Data	100. 00	Level (Metres)				Data Period		
	815. 71	Temp (Deg C)				1954-12-01	2020-10-01	
	815. 72	Temp (Deg C)				2017-03-02	2020-10-01	
						2016-06-07	2020-10-01	
Components						Component Period		
	D2E001	Beth-Aven @ Armenia Dam				1954-12-01	1955-07-01	
	D2H025	Right Canal from Dam @ Beth-Aven				1954-12-01		
	D2H026	Leeu River @ Beth-Aven				1954-12-01	1973-05-27	
	D2E006	Hobhouse				1955-06-13	1993-02-01	
	D2E012	Armenia Dam @ Beth-Aven				1993-02-01		
	0263199	Thaba Patchoa - Col				2000-02-15	2003-01-01	
D2R004	Caledon River @ Welbedacht			29: 54: 34	26: 51: 37	D23J	15285	Welbedacht Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)			
	17. 68	1402. 90	1855. 03	112. 96	113. 96	1973-08-01		Original
	17. 68	1402. 90	1751. 90	77. 63	77. 70	1976-10-01		Basin survey
	17. 68	1402. 90	1687. 70	62. 81	62. 81	1978-10-01		Basin survey
	17. 68	1402. 90	1654. 70	55. 66	55. 66	1980-10-01		Basin survey
	17. 68	1402. 90	1641. 40	56. 87	56. 88	1982-10-01		Basin survey
	17. 68	1402. 90	1641. 90	51. 79	51. 79	1983-10-01		Basin survey
	17. 68	1402. 90	1547. 40	39. 57	39. 57	1985-10-01		Basin survey
	17. 68	1402. 90	1489. 80	38. 30	38. 31	1986-10-01		Basin survey
	17. 68	1402. 90	1420. 60	37. 13	37. 14	1987-10-01		Basin survey
	17. 68	1402. 90	1370. 10	30. 51	30. 52	1988-10-01		Basin survey
	17. 68	1402. 90	1382. 10	26. 20	26. 22	1989-10-01		Basin survey
	17. 68	1402. 90	1255. 10	17. 05	17. 06	1990-10-01		Basin survey



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D2R004	(continued)									5
	17.68	1402.90	1302.70	20.47	20.47		1991-10-01		Basin survey	
	17.68	1402.90	1175.30	15.14	15.14		1994-10-01		Basin survey	
	17.68	1402.90	1156.80	15.04	15.04		1995-10-01		Basin survey	
	17.68	1402.90	1100.60	15.84	15.84		1996-10-01		Basin survey	
	17.68	1402.90	1039.30	14.06	14.06		1997-10-01		Basin survey	
	17.68	1402.90	1012.20	9.71	9.71		2000-10-01		Basin survey	
	17.68	1402.90	1017.50	11.66	11.66		2001-10-01		Basin survey	
	17.68	1402.90	962.90	10.17	10.17		2007-12-01		Basin survey	
	17.68	1402.90	901.87	6.64	6.64		2009-10-01		Basin survey	
	17.68	1402.90	926.69	9.59	9.63		2011-11-01		Basin survey	
	17.68	1402.90	888.15	7.25	7.25		2013-10-01		Basin survey	
	17.68	1402.90	832.69	5.42	5.42		2016-11-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1973-08-01	2020-09-30		
	138.00	Valve Dis. (Cumeecs)					1977-09-30	2020-02-29		
	138.05	Valve Dis. (Cumeecs)					1977-09-30	2020-02-29		
	149.00	Combined (cumeecs)					1973-08-01	1977-09-30		
	149.01	Combined (cumeecs)					1973-06-11	1977-09-30		
	215.00	Tot Gates' Vol (MI)	Gate Discharge	Volume			1977-09-29	2015-02-17		1% missing
	815.73	Temp (Deg C)					2012-06-28	2020-05-14		5% missing
Components							Component Period			
	D2E007	Welbedacht @ Welbedacht Dam					1973-08-02			
	D2H027	Pipeline from Dam to Treatment Works @ Welbedacht					1974-10-01			
	D2H033	Caledon River @ Welbedacht					1991-12-01			
D2R006	Rietspruit River @ Knelipoort				29:46:54	26:53:19	D23H	764	Knelipoort Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	24.50	1452.10	986.30	130.07	136.93		1989-06-06		Original	
	24.50	1452.10	986.30	130.06	136.27		1998-01-01		Basin survey	
	24.50	1452.10	983.02	130.00	135.59		2011-08-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1989-06-06	2020-10-27		
	815.72	Temp (Deg C)					2011-05-01	2020-10-27		4% missing
	815.73	Temp (Deg C)					2011-11-29	2020-10-27		26% missing
Components							Component Period			
	D2E010	Knelipoort @ Knelipoort Dam					1989-06-07			
	D2H031	Inlet Canal from Caledon River @ Knelipoort					1990-06-15			
	D2H028	Riet Spruit @ Knelipoort					1990-11-02			
	C5H055	Novo Canal @ De Wetskom					1999-10-21			
D3R001	Bethuliespruit River @ Bethulie				30:29:16	25:58:25	D35A	255	Bethulie Dam	



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
D3R001	(continued)									
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	14.33	1293.54	174.90	5.89	6.22		1922-05-14		Original	
	14.33	1293.54	157.90	4.69	4.72		1950-10-01		Basin survey	
	14.30	1293.54	157.90	4.69	4.72		1950-10-11		A01 - Basin survey	
	6.67	1293.54	113.00	1.97	1.97		1978-10-01		A01 - Basin survey	
Data	100.00	Level	(Metres)				Data Period			
							1922-05-14	1990-08-14		4% missing
Components							Component	Period		
	0201840	Bethulie - Mun					1922-05-14	1990-04-24		
	D3H026	Left Canal from Bethulie Dam @ Bethulie					1922-05-14	1990-04-24		
	C5E001	Tygerpoort @ Tierpoort Dam					1933-09-01	1964-03-05		
	D3H021	Right Canal from Bethulie Dam @ Bethulie					1935-07-08	1990-04-24		
	D3H020	Right Canal from Bethulie Dam @ Bethulie					1935-07-12	1990-04-24		
	D3E002	Klipfontein @ Orange-Vis Tunnel					1964-03-06	1990-04-24		
D3R002	Orange River @ Rui gteval lei					30:37:24	25:30:24	D35K	70655	Gari ep Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	55.81	1258.69	36216.06	5893.40	5897.29		1970-09-01		Original	
	55.81	1258.69	35419.54	5469.64	5471.91		1979-10-01		Basin survey	
	55.81	1258.69	35260.43	5360.23	5362.49		1990-10-01		Basin survey	
	55.81	1258.69	34434.13	5196.04	5198.19		2005-03-01		Basin survey	
	55.81	1258.69	33455.85	4903.45	4904.53		2018-11-01		Basin survey	
Data	100.00	Level	(Metres)				Data Period			
	138.00	Valve Dis.	(Cumeecs)				1971-12-11	2020-10-20		
		to					1971-11-08	2020-02-29		6% missing
	138.03	Valve Dis.	(Cumeecs)				1971-11-08	2020-02-29		6% missing
	149.00	Combi ned	(cumeecs)				1976-09-22	1977-01-23		
	149.01	Combi ned	(cumeecs)				1972-01-31	1997-06-01		
	194.00	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		6% missing
	194.01	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		6% missing
	194.02	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		6% missing
	194.03	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		6% missing
	194.04	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		9% missing
	194.05	Suppl y Flow	(l/s)				1971-08-01	2020-02-29		9% missing
	194.06	Suppl y Flow	(l/s)				1971-08-01	2020-01-31		9% missing
	194.07	Suppl y Flow	(l/s)				1971-08-01	2020-01-31		9% missing
	215.00	Tot Gates' Vol (Ml)	Gate Discharge	Volume			1971-12-10	2014-12-03		7% missing
	815.71	Temp (Deg C)					2017-08-01	2020-10-20		
	815.73	Temp (Deg C)					2010-02-16	2020-10-20		4% missing
Components							Component	Period		
	D3E001	Goodhope @ Gari ep Dam					1964-02-24			
	D3R002	Orange River @ Rui gteval lei					1970-09-01			
	D3H022	Gari ep Dam Turbi nes @ Rui gteval lei					1971-08-01			



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D3R002	(continued)									7
	Q1H014	Teebus Canal from Ovis Tunnel @ Brakleegte					1976-10-22			
	Q1H015	Irrigation Canal from Ovis Tunnel @ Brakleegte					1985-11-29			
	Q1H018	Irrigation Pipe from Ovis Tunnel @ Teebus					1988-05-15			
	D3H029	Pipeline from Dam to Holiday Resort @ Gariiep Dam					1990-11-01			
	D3H030	Pipeline to Bloemftn Treatment Works @ Gariiep Dam					1990-11-01			
	D3H031	Pipeline to Bloemftn Fish Breeding Farm @ Gariiep Dam					1990-11-01			
	D3H032	Pipeline to Oviston Treatment Works @ Gariiep Dam					1990-11-01			
D3R003	Orange River @ Roodekop				29: 59: 29	24: 43: 55	D31E	89755	Vanderkloof Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	60.70	1170.50	13354.85	3109.36	3126.20		1976-09-08		Original	
	60.70	1170.50	13332.90	3101.09	3116.61		1991-10-01		Basin survey	
	60.70	1170.50	13372.63	3092.36	3107.24		2006-10-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1977-08-19	2020-08-27	3% missing	
	138.00	Valve Dis. (CumeCs)					1976-09-08	2020-02-29		
	138.01	Valve Dis. (CumeCs)					1976-09-08	2020-02-29		
	194.00	Supply Flow (l/s)					1976-09-08	2020-02-29		
	194.01	Supply Flow (l/s)					1976-09-08	2020-02-29		
	194.02	Supply Flow (l/s)					1976-09-08	2020-02-29		
	194.03	Supply Flow (l/s)					1976-09-08	2020-02-29		
	215.00	Tot Gates' Vol (Ml)	Gate Discharge	Volume			1976-09-06	2015-03-04		
	815.71	Temp (Deg C)					2017-03-01	2020-08-27		
	815.72	Temp (Deg C)					2010-03-24	2020-08-27	4% missing	
Components							Component Period			
	D3E003	Roodekop @ Vanderkloof Dam					1976-09-08			
	D3H023	Vanderkloof Dam Turbines @ Roodekop					1976-09-11			
	D3H024	Vanderkloof Dam Sluice to Canal @ Roodekop					1977-04-01			
	D3H028	Pipeline from Dam to Treatment Works @ Roodekop					1990-11-01			
D4R001	Swartbas River @ Louw Bosch				26: 43: 48	20: 05: 59	D42D	259	Leeubos Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	3.97	823.32	76.00	1.05	1.06		1948-11-03		Original	
	3.97	823.32	70.00	1.00	1.00		1982-10-01		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					1948-11-03	1992-01-31	1% missing	
Components							Component Period			
	D4R001	Swartbas River @ Louw Bosch					1948-01-03			
	O423044	Rietfontein - Pol					1948-11-03			
	D4E001	Rietfontein					1948-11-03	1993-06-01		
	D4H029	Right Canal from Leeubos Dam @ Louw Bosch					1949-02-02	1981-09-01		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	8
D4R002	Molopo River @ Rietspruit Dam				27: 18: 11	20: 05: 43	D42D	5			
D5R001	Hartbees River @ Rooi Berg				29: 24: 02	21: 12: 21	D53A	72175	Rooi berg Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	4.42	808.50	490.00	7.13	7.23		1935-02-23		Original		
	4.37	808.45	471.14	6.92	7.02		1940-10-01		Basin survey		
	4.36	808.44	363.97	6.56	6.63		1949-10-01		Adjusted		
	4.36	808.44	314.30	3.36	3.38		1961-10-01		Basin survey		
	4.36	808.44	314.30	3.36	3.38		1970-06-02		A02 - Original		
	4.34	808.42	301.89	3.42	3.43		1983-10-01		Basin survey		
Data	100.00	Level	(Metres)				Data Period	1935-02-23	2020-09-10	35% missing	
Components	D5H020 D5R001	Right Canal from Rooi berg Dam @ Rooi Berg Hartbees River @ Rooi Berg					Component Period	1935-09-18	1974-10-01		
							2008-03-26				
D5R002	Van Wyksvlei River @ Van Wyksvlei				30: 22: 46	21: 48: 39	D54C	1339	Van Wyksvlei Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	7.59	966.71	0.00	0.00	0.00		1922-01-01		Original		
	7.59	966.71	5002.30	146.79	146.81		1948-10-01		Basin survey		
	7.59	966.71	4993.40	143.06	143.08		1979-10-01		Basin survey		
Data	100.00	Level	(Metres)				Data Period	1922-01-01	1951-04-30	13% missing	
D6R001	Dorpspruit River @ Victoria West				31: 24: 03	23: 05: 57	D61E	280	Victoria West Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	6.22	1280.45	220.60	4.07	4.07		1923-12-27		Original		
	6.22	1280.45	219.20	4.05	4.05		1932-08-01		Basin survey		
	6.22	1280.45	210.80	3.93	3.93		1949-09-01		Basin survey		
Data	100.00	Level	(Metres)				Data Period	1923-12-27	2020-09-07	3% missing	
Components	0141329 D6E002	Biesjesfontein Victoria-West					Component Period	1923-12-01	1953-02-00		
							2008-03-26				
D6R002	Ongers River @ Huisfontein				30: 36: 48	23: 18: 04	D61M	13340	Smartt Syndicate Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	7.80	1091.54	2418.80	93.06	93.06		1922-01-01		Original		
	7.80	1091.54	2153.20	55.23	55.23		1935-10-01		Basin survey		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	9
D6R002	(continued)										
		8.72	1090.17	1378.57	32.57	32.57	1940-10-01		Raised		
		8.96	1092.70	2560.65	83.46	83.46	1947-10-01		Raised		
		9.91	1092.70	2560.65	83.46	83.46	1959-10-01		A01 - Raised		
		9.91	1092.70	2617.79	76.85	76.90	1962-10-01		Basin survey		
		12.19	1093.65	3184.30	104.38	104.42	1963-01-01		Adjusted		
		12.19	1093.65	3154.00	101.52	101.52	1976-10-01		Basin survey		
		12.20	1093.65	3154.00	101.52	101.52	1979-03-14		A01 - Basin survey		
		12.20	1093.65	3156.90	101.12	101.12	1993-10-01		Basin survey		
Data							Data Period				
		100.00	Level	(Metres)			1922-01-01	2020-09-11	20% missing		
Components							Component Period				
		D6H004	Canal from Smartt	Syndicate Dam @ Huisfontein			1922-01-01				
		D6E001	Smartt Syndicate				1936-12-01				
		0167665	Vosburg				2008-03-26	1936-11-30			
D7R001	Orange River @ Boegoeberg Res.				29:02:28	22:12:09	D72C	343050	Boegoeberg Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	9.67	884.57	0.00	0.00	0.00		1945-09-30		Original		
	9.67	884.57	694.67	20.29	20.30		1982-08-26		Basin survey		
	9.67	884.57	764.82	20.54	20.62		1999-10-01		Basin survey		
	9.67	884.57	759.31	20.61	20.66		2016-10-01		Basin survey		
Data							Data Period				
	100.00	Level	(Metres)				1929-08-01	2020-09-29	21% missing		
	230.09	Level	(m)	4 Water Cello			2018-07-13	2019-03-15			
Components							Component Period				
		D7H008	Orange River @ Boegoeberg	Dam Res.			1932-05-15				
		D7H013	Left Canal from Boegoeberg	Dam @ Boegoeberg Res.			1935-05-15	2004-09-14			
		D7E001	Boegoeberg Res @ Boegoeberg	Dam			1945-09-30				
		D7H017	Left Canal from Boegoeberg	Dam @ Boegoeberg Res.			2004-09-14				
		D7R001	Orange River @ Boegoeberg	Res.			2008-03-26				



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Bethulie Dam D3R001	5
Boegoeberg Dam D7R001	9
Douglas Weir C9R003	3
Egmont Dam D2R001	3
Gariep Dam D3R002	6
Groothoek Dam C5R005	2
Kalkfontein Dam C5R002	1
Knelport Dam D2R006	5
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